

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 820  | ((135/901) or (5/419) or (5/420)).<br>CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/03/03 14:54 |
| S2    | 41   | ("0124007"   "1871003"  <br>"1930942"   "20040107500"  <br>"2045784"   "2883682"   "2898609"<br>  "3689947"   "4375111"  <br>"4634618"   "5103515"   "5454125"<br>  "5454643"   "5457829"  <br>"5463783"   "5467487"   "5481767"<br>  "5618110"   "5629071"  <br>"5729846"   "5774912"   "5920931"<br>  "5987667"   "6105188"  <br>"6182309"   "6192536"   "6223367"<br>  "6367083"   "6393638"  <br>"6408462"   "6634041"   "6647570"<br>  "6721973"   "D341513"  <br>"D388273").PN. OR ("6952845").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR               | ON      | 2006/03/03 14:56 |
| S3    | 29   | ("0112175"   "0132686"  <br>"0433905"   "3378861"   "3469882"<br>  "3639927"   "3742528"  <br>"3798686"   "3877092"   "4193150"<br>  "4574397"   "4601076"  <br>"4639960"   "4853993"   "4905330"<br>  "4987625"   "5044031"  <br>"5048137"   "5117517"   "5448790"<br>  "5815862"   "6334442"  <br>"D376945"   "D422829").PN. OR<br>("6895614").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR               | ON      | 2006/03/03 14:58 |
| S4    | 46   | ("0218420"   "0965921"  <br>"1158834"   "1373378"   "1678125"<br>  "2227751"   "2657387"  <br>"3096759"   "3624848"   "3714947"<br>  "3739399"   "3801420"  <br>"3854156"   "4124908"   "4178637"<br>  "4329747"   "4347629"  <br>"4375111"   "4513461"   "4535495"<br>  "4579753"   "4605582").PN. OR<br>("5044031").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR               | ON      | 2006/03/03 14:58 |

## EAST Search History

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S5  | 23  | ("3799608"   "4068674"  <br>"4106145"   "4164089"   "4483090"<br>  "4723371"   "4738045"  <br>"4751936"   "4757832"   "4858634"<br>  "4858635"   "5075999"  <br>"5385165"   "5477875"   "5647159"<br>  "5690134"   "5762085"  <br>"5813160"   "5816279"   "5822906"<br>  "5941264"   "6016823"  <br>"D405890").PN. OR ("6694995").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/03/03 15:01 |
| S6  | 18  | ("3799608"   "3839756"  <br>"3965505"   "3988791"   "4238871"<br>  "4581837"   "4683672"  <br>"4751936"   "4761908"   "4773437"<br>  "4777755"   "4798019"  <br>"5075999"   "5142833").PN. OR<br>("5477875").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/03/03 15:01 |
| S7  | 31  | ("2864388"   "3323530"  <br>"3622201"   "3799608"   "3848352"<br>  "3902264"   "4106145"  <br>"4123869"   "4164089"   "4483090"<br>  "4581837"   "4683672").PN. OR<br>("4751936").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/03/03 15:02 |
| S8  | 25  | ("2816297"   "3323530"  <br>"3622201"   "3848352"   "3902264"<br>  "3936969"   "4164089"  <br>"4483090"   "4581837"   "4682436"<br>  "4683672"   "4723371"  <br>"4738045"   "4751936"   "4777755"<br>  "4782616"   "5075999"  <br>"5385164"   "5647159"   "5822906"<br>  "6021794"   "D405890"  <br>"D408552").PN. OR ("6698131").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/03/03 15:02 |
| S9  | 29  | ("0598995"   "0622812"  <br>"0867464"   "1648373"   "1699002"<br>  "3380087"   "4092750"  <br>"4192030"   "4757832"   "4825868"<br>  "5005236").PN. OR ("5528779").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2006/03/03 15:06 |
| S10 | 12  | ("867464").URPN.  | USPAT   | OR | ON  | 2006/03/03 15:10 |
| S11 | 820 | ((135/901) or (5/419) or (5/420)).<br>CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/03 15:17 |

## EAST Search History

|     |    |  |                              |    |    |                  |
|-----|----|--|------------------------------|----|----|------------------|
| S12 | 41 | ("0124007"   "1871003"  <br>"1930942"   "20040107500"  <br>"2045784"   "2883682"   "2898609"<br>  "3689947"   "4375111"  <br>"4634618"   "5103515"   "5454125"<br>  "5454643"   "5457829"  <br>"5463783"   "5467487"   "5481767"<br>  "5618110"   "5629071"  <br>"5729846"   "5774912"   "5920931"<br>  "5987667"   "6105188"  <br>"6182309"   "6192536"   "6223367"<br>  "6367083"   "6393638"  <br>"6408462"   "6634041"   "6647570"<br>  "6721973"   "D341513"  <br>"D388273").PN. OR ("6952845").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/03 15:17 |
| S13 | 29 | ("0112175"   "0132686"  <br>"0433905"   "3378861"   "3469882"<br>  "3639927"   "3742528"  <br>"3798686"   "3877092"   "4193150"<br>  "4574397"   "4601076"  <br>"4639960"   "4853993"   "4905330"<br>  "4987625"   "5044031"  <br>"5048137"   "5117517"   "5448790"<br>  "5815862"   "6334442"  <br>"D376945"   "D422829").PN. OR<br>("6895614").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/03 15:17 |
| S14 | 46 | ("0218420"   "0965921"  <br>"1158834"   "1373378"   "1678125"<br>  "2227751"   "2657387"  <br>"3096759"   "3624848"   "3714947"<br>  "3739399"   "3801420"  <br>"3854156"   "4124908"   "4178637"<br>  "4329747"   "4347629"  <br>"4375111"   "4513461"   "4535495"<br>  "4579753"   "4605582").PN. OR<br>("5044031").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/03 15:17 |
| S15 | 23 | ("3799608"   "4068674"  <br>"4106145"   "4164089"   "4483090"<br>  "4723371"   "4738045"  <br>"4751936"   "4757832"   "4858634"<br>  "4858635"   "5075999"  <br>"5385165"   "5477875"   "5647159"<br>  "5690134"   "5762085"  <br>"5813160"   "5816279"   "5822906"<br>  "5941264"   "6016823"  <br>"D405890").PN. OR ("6694995").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/03 15:17 |

## EAST Search History

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S16 | 18  | ("3799608"   "3839756"   "3965505"   "3988791"   "4238871"   "4581837"   "4683672"   "4751936"   "4761908"   "4773437"   "4777755"   "4798019"   "5075999"   "5142833").PN. OR ("5477875").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/03/03 15:17 |
| S17 | 31  | ("2864388"   "3323530"   "3622201"   "3799608"   "3848352"   "3902264"   "4106145"   "4123869"   "4164089"   "4483090"   "4581837"   "4683672").PN. OR ("4751936").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/03/03 15:17 |
| S18 | 25  | ("2816297"   "3323530"   "3622201"   "3848352"   "3902264"   "3936969"   "4164089"   "4483090"   "4581837"   "4682436"   "4683672"   "4723371"   "4738045"   "4751936"   "4777755"   "4782616"   "5075999"   "5385164"   "5647159"   "5822906"   "6021794"   "D405890"   "D408552").PN. OR ("6698131").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/03/03 15:17 |
| S19 | 29  | ("0598995"   "0622812"   "0867464"   "1648373"   "1699002"   "3380087"   "4092750"   "4192030"   "4757832"   "4825868"   "5005236").PN. OR ("5528779").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/03/03 15:17 |
| S20 | 12  | ("867464").URPN.   | USPAT   | OR | ON  | 2006/03/03 15:17 |
| S21 | 741 | (43/1).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/03 15:17 |
| S22 | 145 | S21 and blind  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/03 15:18 |
| S23 | 70  | S22 not S11  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/03 15:18 |

## EAST Search History

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S24 | 25  | ("2816297"   "3323530"   "3622201"   "3848352"   "3902264"   "3936969"   "4164089"   "4483090"   "4581837"   "4682436"   "4683672"   "4723371"   "4738045"   "4751936"   "4777755"   "4782616"   "5075999"   "5385164"   "5647159"   "5822906"   "6021794"   "D405890"   "D408552").PN. OR ("6698131").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/03/03 15:19 |
| S25 | 50  | (5/413am).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2006/03/03 15:20 |
| S26 | 144 | (5/505.1).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2006/03/03 15:20 |
| S27 | 17  | ("2210255"   "2602171"   "2614269"   "2674750"   "3808614"   "4214327"   "4975997").PN. OR ("5203042").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/03/03 15:21 |
| S28 | 25  | ("1072490"   "1577825"   "2607933"   "2668963"   "2960151"   "3639929"   "4214327"   "4570275").PN. OR ("4975997").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/03/03 15:21 |
| S29 | 4   | ((("0867464") or ("4754832"))).PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/03 16:34 |
| S30 | 4   | ((("0867464") or ("4757832"))).PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/03 16:34 |

## EAST Search History

|     |    |  |                              |    |    |                  |
|-----|----|--|------------------------------|----|----|------------------|
| S31 | 78 | ("0023582"   "0713329"  <br>"0730877"   "0739389"   "0867464"<br>  "0924733"   "0983223"  <br>"1039509"   "1156200"   "1583419"<br>  "1678125"   "1699002"  <br>"1887108"   "1919154"   "1952465"<br>  "2055044"   "2358410"  <br>"2368220"   "2555051"   "2581357"<br>  "2656844"   "2963715"  <br>"3158299"   "3474802"   "3751741"<br>  "3800814"   "3834410"  <br>"3860980"   "3970096"   "3971495"<br>  "4068674"   "4072158"  <br>"4106145"   "4124908"   "4183111"<br>  "4232692"   "4236543"  <br>"4329747"   "4531330"  <br>"4605029").PN. OR ("4757832").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/03 16:34 |
| S32 | 27 | ("2870464"   "3801420"  <br>"4757832"   "4841587"   "4856131"<br>  "4888837"   "4890347"  <br>"4972533"   "5024262"   "5056172"<br>  "5084930"   "5116273"  <br>"5421045"   "5548858"   "5693398"<br>  "6073283"   "6128796"  <br>"6313438"   "D323921"  <br>"D378969"   "D393877"  <br>"D408192").PN. OR ("6557192").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/03 16:35 |
| S33 | 22 | ("1237243"   "2788533"  <br>"3135974"   "3268922"   "3339216"<br>  "4064578").PN. OR ("4329747").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/03 16:37 |
| S34 | 46 | ("0218420"   "0965921"  <br>"1158834"   "1373378"   "1678125"<br>  "2227751"   "2657387"  <br>"3096759"   "3624848"   "3714947"<br>  "3739399"   "3801420"  <br>"3854156"   "4124908"   "4178637"<br>  "4329747"   "4347629"  <br>"4375111"   "4513461"   "4535495"<br>  "4579753"   "4605582").PN. OR<br>("5044031").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/03 16:38 |
| S35 | 4  | ("2555051").URPN.  | USPAT                        | OR | ON | 2006/03/03 16:43 |
| S36 | 19 | ("1887108").URPN.  | USPAT                        | OR | ON | 2006/03/03 16:43 |
| S37 | 12 | ("867464").URPN.   | USPAT                        | OR | ON | 2006/03/03 16:45 |
| S38 | 34 | ("0867464"   "3068494"  <br>"4092750").PN. OR ("4862533").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/03 16:47 |

## EAST Search History

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S39 | 594 | (5/413r).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/03/03 16:47 |
| S40 | 116 | S39 and (pad cushion)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/03/03 16:47 |
| S41 | 13  | ("2183418"   "3042939"  <br>"3510889"   "3633227"   "5005235"<br>  "5048975"   "5179741"  <br>"5404600"   "D401736").PN. OR<br>("6704953").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/03/03 16:48 |